

Career Game

I T E I G B T O N O
 N T R S E A O T I A
 U I A M N T N T I N
 T R C H E M I S T I
 R T I N T B C I S I
 I R B B I U A G I A
 T E O S C V C O T I
 I E T N I E C L S N
 O N A O S T O O I A
 N I N A T E U M G I
 I G I G Y R N O O R
 S N S R R I T T L A
 T E T O A N A N O R
 A C O N T A N E I B
 I A M O E R T I B I
 H O I M R I D O O L
 N I B I C A E S R I
 R R I S E N U E C N
 G N T T S U N U I N
 O S I E G E T O M T
 I T E I G B T O N O
 N T R S E A O T I A
 U I A M N T N T I N
 T R C H E M I S T I
 R T I N T B C I S I

Let's see if you can find these ARS careers in this puzzle game:

Accountant	Agronomist	Botanist
Chemist	Engineer	Entomologist
Librarian	Nutritionist	Secretary
Veterinarian	Microbiologist	Geneticist

Answer keys for "Who am I?"

(6) Biologist, (11) Nutritionist, (8) Chemist,
 (1) Plant pathologist, (9) Agronomist,
 (2) Animal Scientist, (4) Horticulturist,
 (12) Engineer, (7) Nematologist,
 (3) Hydrologist, (5) Microscopist, (10) Plant Geneticist.

Check Out These Websites!



www.usda.gov/news/usdakids/index.html

www.ars.usda.gov/is/kids/index.html

www.nal.usda.gov/outreach/ag_is_fun.htm

www.ffa.org

www.agclassroom.org

www.agday.org/

www.4-h.org/

www.nsf.gov/home/menus/k12.htm

www.kids.gov/

You will find lots of information on these websites that you can explore to learn how science is a part of your life.

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United States Department of Agriculture
 Agricultural Research Service
 Recruitment Office

Careers in Science



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 Fax: 301-504-1740
www.ars.usda.gov/careers/

Kid's Corner

The Agricultural Research Service (ARS) is the principal scientific research agency of the U.S. Department of Agriculture (USDA). As the largest agricultural research organization in the world, ARS employs more than 8,000 people working at over 100 diverse locations in the United States and in several foreign countries. Careers range in scope from office support staff to scientists conducting research on agricultural projects.

Now's your time to learn! Use your K-12 school years to look at a variety of career options for your future. Once you think you know what you want to do when you grow up, you should make sure to take classes in these subjects while in middle and high school. This pamphlet provides information that might help you as you look for YOUR future career!

Ag Fun

You may be a student today but may already be on your way to a career in science or farming or computers. Or maybe you're curious about some of the strange creatures that share the planet with you (other than your brother or sister).

What picture comes to your mind when you think of agriculture? Do you see some guy in overalls plowing the dirt with an old tractor, or women picking corn in a field? Maybe what you should picture is a scientist using a satellite-linked computer program to examine global climate changes or a researcher developing a new product that can absorb 1,600 times its own weight in water.

Science is not something far away in a laboratory. It's wired right into your daily life—to the food you eat, the clothes you wear, and the water you drink.

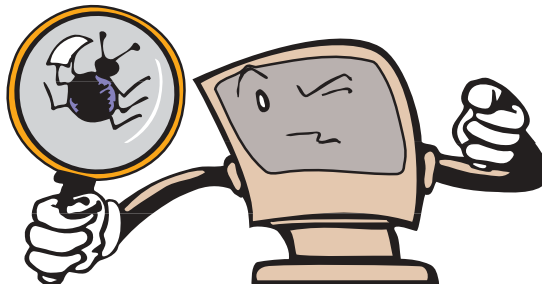
Agriculture Is a Science and It's Fun!



Agricultural scientists may be microbiologists, chemists, veterinarians, engineers, plant pathologists, nutritionists, or many other specialties. What they all have in common is that they are working out how to grow crops, raise livestock, produce renewable raw materials for industry, and help preserve our environment. Don't let all the dirt make you think that agriculture isn't a science.

More and more these days, agricultural scientists travel to far-away countries to gain knowledge that can benefit us all. Scientists with the U.S. Department of Agriculture, Agricultural Research Service often "commute" overseas to get to work.

Careers for new scientists span a variety of disciplines in agriculture. Becoming a scientist requires intelligence, creativity, and a strong desire to learn new things! Want to know more?



Who am I?

Match the scientists on the left with their job descriptions on the right.

- | | |
|-----------------------|--|
| ___ Biologist | 1) studies diseases of plants |
| ___ Nutritionist | 2) studies the breeding and raising of livestock |
| ___ Chemist | 3) studies water and its properties |
| ___ Plant Pathologist | 4) specializes in growing fruits, vegetables, flowers, and ornamentals |
| ___ Agronomist | 5) uses a microscope to explore things up close |
| ___ Animal Scientist | 6) studies living things like plants, animals, and microorganisms |
| ___ Horticulturist | 7) studies roundworms |
| ___ Plant Geneticist | 8) studies the basis of physical substances |
| ___ Engineer | 9) studies crops and soils and how they interact |
| ___ Nematologist | 10) works with plant genes to develop certain traits |
| ___ Hydrologist | 11) studies what humans need to eat to live, grow, and stay healthy |
| ___ Microscopist | 12) designs new, better, and more useful structures, machines, and other equipment |